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Kristi L. Davidson, Reg. No. 44,643

4/12/05

Date

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.:

10/711,649

Filed:

September 29, 2004

Group Art Unit:

1756

Examiner:

Unknown

Applicant:

Kohei Kawamura, Akira Asano, Koutarou Miyatani, Joseph T. Hillman,

Bentley Palmer

Title:

A METHOD FOR SUPERCRITICAL CARBON DIOXIDE

PROCESSING OF FLUORO-CARBON FILMS

Attorney Docket:

SSIT-114

Confirmation No.:

5648

Cincinnati, Ohio 45202

April 12, 2005

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

SECOND INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of candor and good faith imposed by 37 C.F.R. § 1.56 and means of complying therewith according to 37 C.F.R. §§1.97 and 1.98, the references listed on the attached Form PTO-1449 are called to the attention of the United States Patent and

Trademark Office in connection with the above-identified patent application. Copies of the foreign references are enclosed herewith.

No representation is made that the cited art is the only art or that the cited art represents the best art.

The Examiner is urged to consider all of the cited documents and to make an independent evaluation of the teachings and materiality of each.

If any additional fees are necessary to complete this communication, please apply them to Deposit Account No. 23-3000.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

Kristi L. Davidson, Reg. No. 44.643

2700 Carew Tower 441 Vine Street Cincinnati, OH 45202 (513) 241-2324 (voice) (513) 241-6234 (facsimile) K:\SSIT\114\2nd IDS.wpd

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Sheet 2 (B) of 14

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	B.O	DE	198	3 60	084	A1	07/	06/2000	Ge	ermany		H01L	21/3213		Abstract Only
	B.P	EP	0 2	44 9	51 A	12	11/	11/1987	EF	0		H01L	21/00		
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	C.O	EP	0 39	91 0	35 A	A 2	1	0/1	0/1990	EF	20			C23G	5/00		
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Sheet 4 (D) of 14 SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE SERIAL NO. ATTY. DOCKET NO. PATENT AND TRADEMARK OFFICE 10/711.649 (MODIFIED) SSIT-114 INFORMATION DISCLOSURE **APPLICANT** STATEMENT BY APPLICANT Kawamura et al. **GROUP** FILING DATE (Use several sheets if necessary) (37 CFR 1.98(b)) September 29, 2004 1756 **U.S. PATENT DOCUMENTS** FILING DATE **EXAMINER ISSUE** IF APPROPRIATE **CLASS** SUBCLASS INITIAL PATENT NUMBER DATE **PATENTEE** D.A D.B D.C D.D D.E D.F D.G D.H D.I D.J D.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS DOCUMENT **PUBLICATION** COUNTRY OR TRANSLATION NUMBER PATENT OFFICE **SUBCLASS** (YES/NO) DATE **CLASS** D.L EP 0 536 752 A2 04/14/1993 **EPO** C11D 3/20 D.M EP 0 572 913 A1 12/08/1993 **EPO** B01D 11/02 D.N EP 0 587 168 A1 03/16/1994 **EPO B08B** 7/00 **Abstract Only** D.O EP 0 620 270 A3 10/19/1994 **EPO** C11D 7/50 **EPO** D.P D06F 43/00 EP 0 679 753 B1 11/02/1995

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05/15/1996

Sheet 5 (E) of 14

SUBSTITUTE (MODIFIED)	FORM F	PTO-	144	9			-	I.S. DEPARTM PATENT AND T			ATTY. SSIT-1	DOCKET N	Ю.	SERI/ 10/71	AL NO. 1,649
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Sheet 6 (F) of 14

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	F.M	GB	2 00	03 9	75		03/	21/1979		Great Britain			F04B	43/06		
	F.N	GB	2 19	93 4	82		02/	10/1988		Great Britain			B25J	18/02		
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	F.P	JP	1-24	1683	5		10/	02/1989		Japan			H01L	21/304		Abstract Only
	F.Q	JP	2-14	884	1		06/	07/1990		Japan			H01L	21/306		Abstract Only
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Sheet 7 (G) of 14

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	G.O	JP	8-18	3614	10 A		0	7/1	6/1996	J	lapan			H01L	21/56		Abstract Only
	G.P	JP	8-22	2250	08 A		0	8/3	0/1996	J	lapan			H01L	021/027		Abstract Only
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	H.L	JP	103	3540	08 A		12	/18/1998		Japan		H01L	21/56		Yes
	н.м	JP	11-2	2000	35		07	/27/1999		Japan		C23C	14/34		Abstract Only
	H.N	JP	56-1	1426	29		11/	/07/1998		Japan		H01L	21/205		Abstract Only
	H.O	JP	60-1	1923	33		09/	/30/1985		Japan		H01L	21/30		Abstract Only
	H.P	JP	60-2	2348	479		11/	/27/1985		Japan		C23C	14/56		Abstract Only
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	I.L	JP	61-0)171	51		01/	25/1986	Ja	pan		G03G	5/082		Abstract Only
	I.M	JP	61-2	23116	66		10/	15/1986	Ja	pan		C23C	14/24		Abstract Only
	1.N	JP	62-1	256 ⁻	19		06/	06/1987	Ja	pan		H01L	21/30		Abstract Only
	I.O	JP	63-3	3030	59		12/	09/1988	Ja	pan		C23C	14/22		Abstract Only
	I.P	JP	2000	0-10	6358	3	04/	11/2000	Ja	pan		H01L	21/3065		Yes
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Sheet 11 (K) of 14 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. SUBSTITUTE FORM PTO-1449 (MODIFIED) PATENT AND TRADEMARK OFFICE **SSIT-114** 10/711,649 INFORMATION DISCLOSURE **APPLICANT** STATEMENT BY APPLICANT Kawamura et al. FILING DATE **GROUP** (Use several sheets if necessary) (37 CFR 1.98(b)) September 29, 2004 1756 **U.S. PATENT DOCUMENTS** FILING DATE **EXAMINER** ISSUE IF APPROPRIATE **CLASS SUBCLASS** INITIAL PATENT NUMBER DATE **PATENTEE** K.A K.B K.C K.D K.E K.F K.G K.H K.I K.J K.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS DOCUMENT **PUBLICATION COUNTRY OR TRANSLATION SUBCLASS** (YES/NO) NUMBER PATENT OFFICE **CLASS** DATE PCT C08F 14/18 K.L WO 93/20116 10/14/1993 WO 96/277704 **PCT** D06L 1/00 K.M 09/12/1996 WO 99/18603 A 04/15/1999 PCT H01L 21/00 K.N K.O WO 99/49998 10/07/1999 **PCT** B08B 5/00 21/00 PCT H01L K.P WO 00/36635 06/22/2000 35/622 PCT C04B WO 00/73241 A1 12/07/2000 K.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

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	M.P	WO 02/11191 A2						02/07/2002			РСТ			H01L	21/00			
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Sheet 14 (N) of 14 SERIAL NO. 10/711.649

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. PATENT AND TRADEMARK OFFICE SSIT-114 (MODIFIED) INFORMATION DISCLOSURE **APPLICANT** STATEMENT BY APPLICANT Kawamura et al. FILING DATE **GROUP** (Use several sheets if necessary) (37 CFR 1.98(b)) September 29, 2004 1756 U.S. PATENT DOCUMENTS FILING DATE IF APPROPRIATE **EXAMINER** ISSUE **CLASS SUBCLASS** INITIAL PATENT NUMBER DATE **PATENTEE** N.A N.B N.C N.D N.E N.F N.G N.H N.I N.J N.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS **DOCUMENT PUBLICATION COUNTRY OR** TRANSLATION PATENT OFFICE **SUBCLASS** (YES/NO) NUMBER **CLASS** DATE WO 03/030219 A2 10/04/2003 PCT H01L N.L N.M N.N N.O N.P N.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) N.R N.S N.T **EXAMINER** DATE CONSIDERED

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